Pharmaceutical Composition Comprising Fungal Cell or Fragment Thereof

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Amendments to the Specification

Please replace paragraph 2 found on page 4 of the specification with the following amended

paragraph:

According to the US Food and Drug Administration's (FDA's) Biopharmaceutics Classification

System (BCS), drug products are classified into four groups based on the ability of a given drug

substance to permeate biological membranes and its aqueous solubility: Class I drugs are highly

permeable, highly soluble; Class II drugs are highly permeable, poorly soluble; Class III drugs

are poorly permeable, highly soluble; and Class IV drugs are poorly permeable, poorly soluble

(The Biopharmaceutics classification system (BCS) guidance, Center for Drug Evaluation and

Research, US Food and Drug Administration (FDA), 2001, www.fda.gov/eder). A drug

substance is considered "highly soluble" when the highest dose strength is soluble in 250 ml

water over a pH range 1 to 7.5, and "highly permeable" when the extent of absorption in humans

is determined to be 90% of an administered dose, based on mass balance or related to an

intravenous reference dose. For a rapidly dissolving tablet, 85% of the labeled amount of drug

substance must dissolve within 30 minutes. Thus, for rapidly dissolving solid oral dosage forms,

the dose-to-solubility ratio (D:S) of the drug must be 250 ml over pH range of 1 to 7.5. Class I

drug substances, which possess both high permeability through biological membranes and good

solubility in water, have the preferred physicochemical properties. Most new chemical identities

are water-insoluble lipophilic compounds or, in other words, Class II or Class IV compounds

which are traditionally difficult to formulate into usable pharmaceutical products. (Cyclodextrin-

based Drug Delivery, Loftsson, T., and O'Fee, R., 2002, Business Briefing: Pharmatech, pl36-

140).

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